

Vermont Mental Health Performance Indicator Project

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MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani and Christine Van Vleck

DATE: November 15, 2002

RE: Former Children's Services Clients participation rates in Reach Up Programs

At its Fall 2002 meeting, the PIP Advisory Group requested information on the rate at which recipients of CMHC Children's Services participated in the State's "welfare" program as indicated by participation in Vermont's Reach Up program, formerly known as ANFC (Aid to Families with Needy Children).

The attached tables and graphs provide Reach Up participation rates for former Children's Services clients and other residents who were aged 18-24 during FY2001. Former Children's Services clients include individuals who were served during FY1992 through FY2000. Results are also provided separately for males and females. Because the data sets used in this analysis do not include unique person identifiers, Probabilistic Population Estimation was used to determine caseload overlap between these programs.

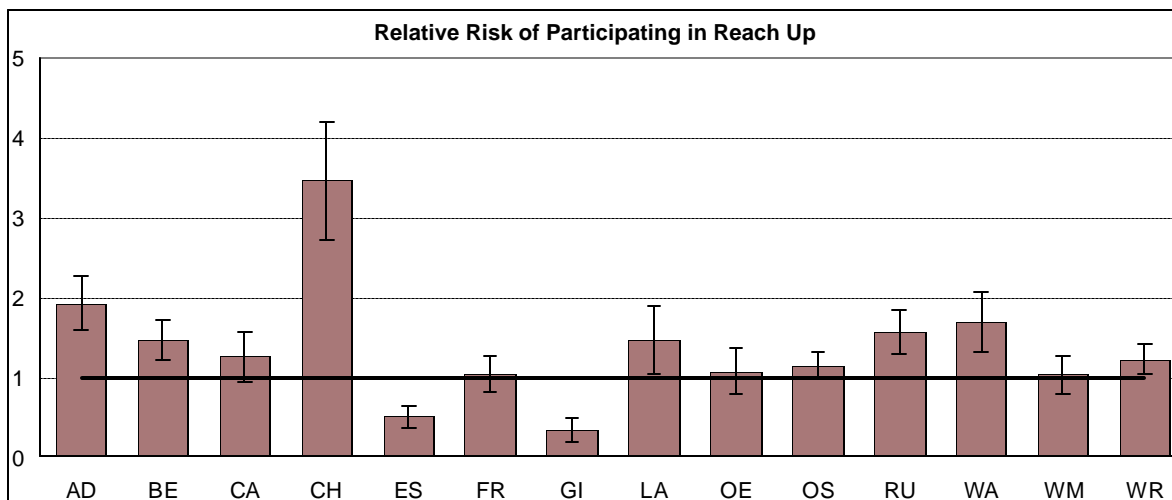
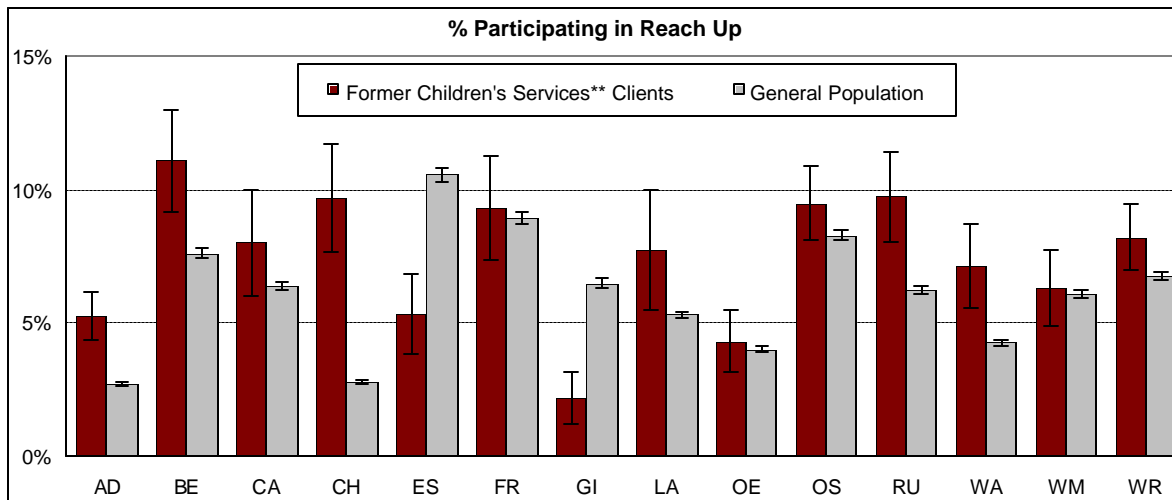
As you will see, 8% of former Children's Services clients were on the Reach Up caseload during FY 2001. This participation rate was 1.7 times the participation rate for the general population. This elevated risk was greatest for Chittenden County (3.5). In two other counties, however, former Children's Services clients were actually less likely to be on welfare than other residents. In Essex County former clients were half (0.5) as likely as other residents and in Grand Isle County, former clients were one-third (0.3) as likely as other residents to be on the Reach Up caseload.

Female former Children's Services clients were more than four times as likely as male former Children's Services clients to be on the Reach up caseload during FY2001 (13% vs. 3%). The elevated risk (compared to the general population) of being on the Reach Up caseload, however, was about the same for men as for women.

The ability to interpret these findings would be enhanced by comparing rates of participation in Reach Up when the clients were children and to participation when the clients were young adults. To account for changes in rates of participation in Reach Up for the general population during these periods, relative risk would provide a fairer measure than simple participation rate.

We would be very interested in your interpretation of these findings and suggestions for further analysis of these or other data. As always, you can reach us at 802-241-2638 or pip@ddmhs.state.vt.us.

Participation in Reach Up (formerly ANHC*)
During FY2001 by 18-24 Year Olds
Former Children's Services Clients Compared to Other Residents**



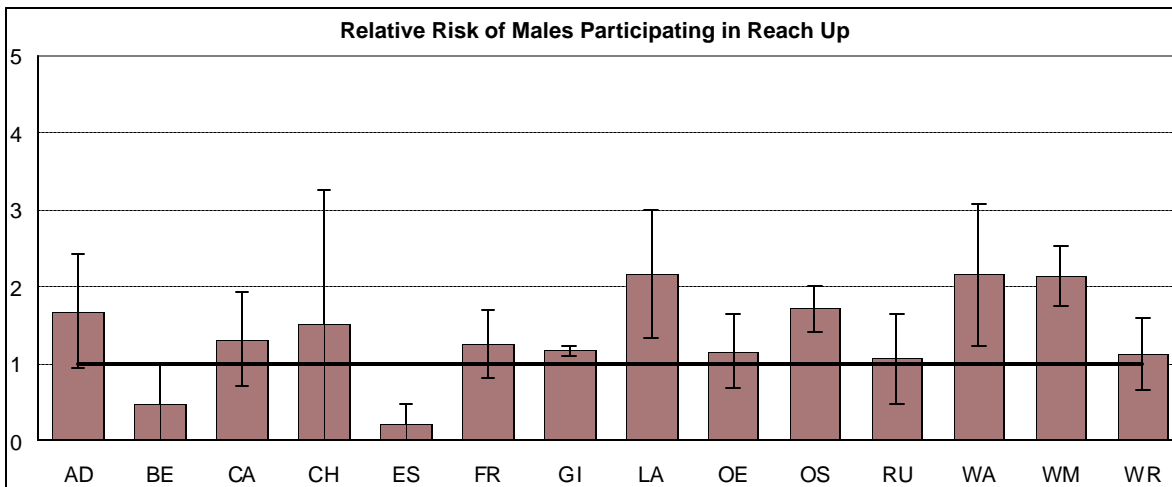
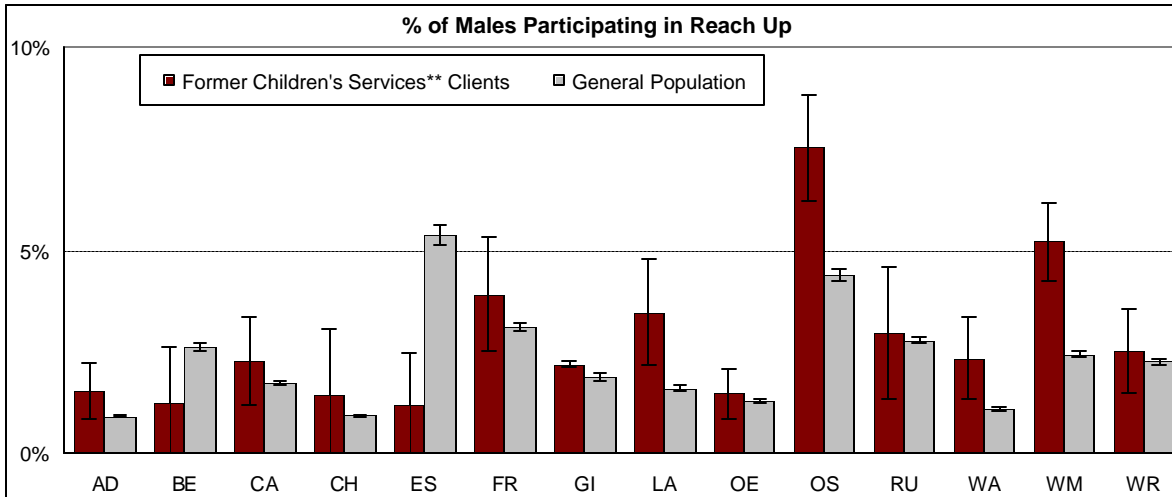
	Participating in Reach Up*		Relative Risk
	% of Former Children's** MH	% of General Population	
Statewide	8.0% ± 0.5%	4.8% ± 0.0%	1.7 ± 0.1
<u>County</u>			
Addison - AD	5.2% ± 0.9%	2.7% ± 0.1%	1.9 ± 0.3
Bennington - BE	11.1% ± 1.9%	7.6% ± 0.2%	1.5 ± 0.3
Caledonia - CA	8.0% ± 2.0%	6.4% ± 0.2%	1.3 ± 0.3
Chittenden - CH	9.7% ± 2.0%	2.8% ± 0.1%	3.5 ± 0.7
Essex - ES	5.3% ± 1.5%	10.6% ± 0.3%	0.5 ± 0.1
Franklin - FR	9.3% ± 1.9%	8.9% ± 0.2%	1.0 ± 0.2
Grand Isle - GI	2.2% ± 1.0%	6.5% ± 0.2%	0.3 ± 0.2
Lamoille - LA	7.7% ± 2.3%	5.3% ± 0.1%	1.5 ± 0.4
Orange - OE	4.3% ± 1.1%	4.0% ± 0.1%	1.1 ± 0.3
Orleans - OS	9.5% ± 1.4%	8.3% ± 0.2%	1.1 ± 0.2
Rutland - RU	9.7% ± 1.7%	6.2% ± 0.1%	1.6 ± 0.3
Washington - WA	7.1% ± 1.6%	4.2% ± 0.1%	1.7 ± 0.4
Windham - WM	6.3% ± 1.4%	6.1% ± 0.1%	1.0 ± 0.2
Windsor - WR	8.2% ± 1.3%	6.8% ± 0.2%	1.2 ± 0.2

Includes all Vermont residents age 18 to 24 years as of December 2000. Because data sets used in this analysis do not share unique person identifiers, Probabilistic Population Estimation was used to measure caseload overlap (with 95% confidence intervals). Population based on the 2000 Census.

*ANFC: Aid to Needy Families with Children

**Former Children's Services include all clients served between FY1992 and FY2000

**Participation in Reach Up (formerly ANHC*)
During FY2001 by 18-24 Year Old Males
Former Children's Services** Clients Compared to Other Residents**



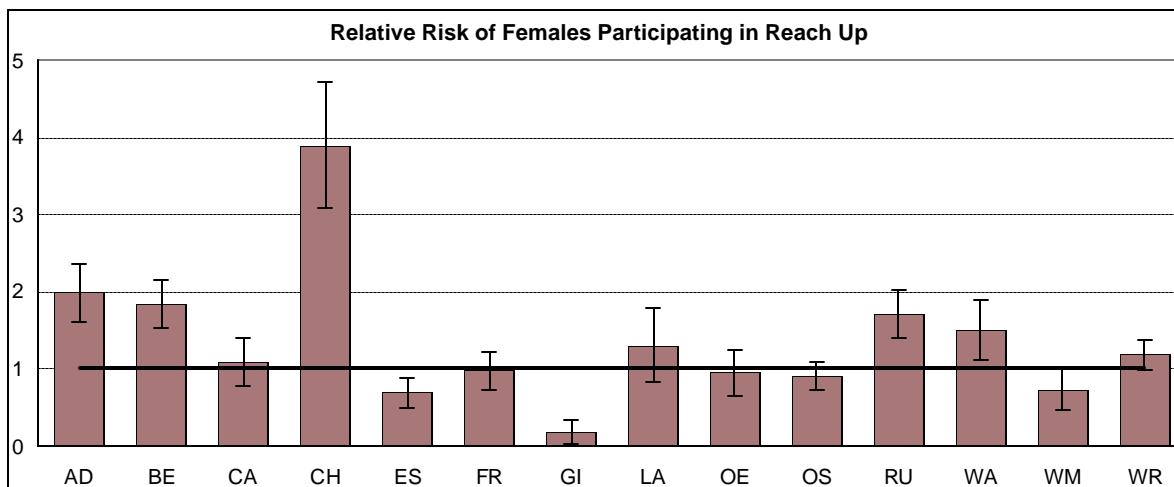
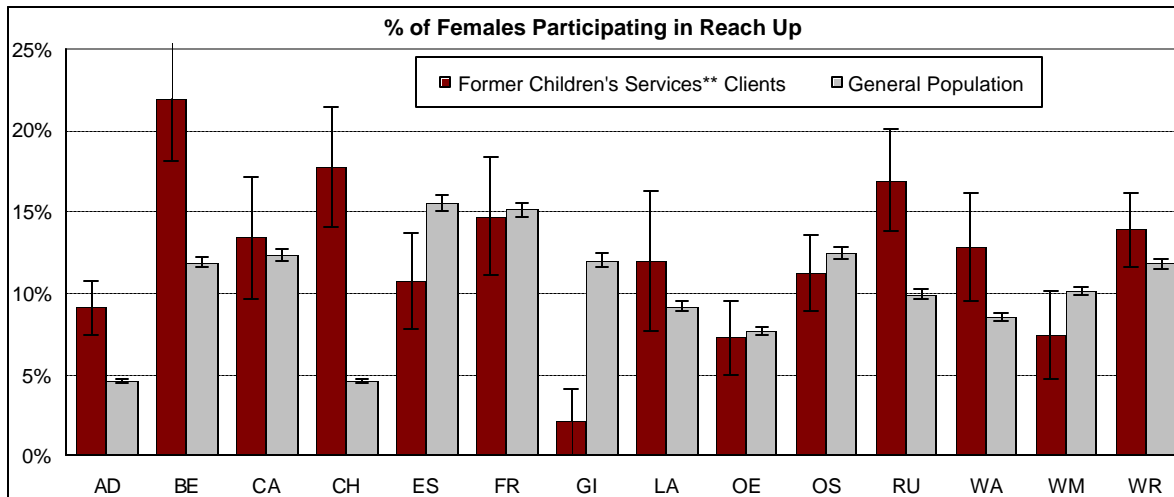
Males			
	Participating in Reach Up*		Relative Risk
	% of Former Children's** MH	% of General Population	
Statewide	2.8% ± 0.4%	2% ± 0.0%	1.6 ± 0.2
<u>County</u>			
Addison - AD	1.5% ± 0.7%	1% ± 0.0%	1.7 ± 0.7
Bennington - BE	1.3% ± 1.4%	3% ± 0.1%	0.5 ± 0.5
Caledonia - CA	2.3% ± 1.1%	2% ± 0.1%	1.3 ± 0.6
Chittenden - CH	1.4% ± 1.6%	1% ± 0.0%	1.5 ± 1.7
Essex - ES	1.2% ± 1.3%	5% ± 0.2%	0.2 ± 0.2
Franklin - FR	3.9% ± 1.4%	3% ± 0.1%	1.2 ± 0.5
Grand Isle - GI	2.2% ± 0.1%	2% ± 0.1%	1.2 ± 0.1
Lamoille - LA	3.5% ± 1.3%	2% ± 0.1%	2.2 ± 0.8
Orange - OE	1.5% ± 0.6%	1% ± 0.0%	1.2 ± 0.5
Orleans - OS	7.5% ± 1.3%	4% ± 0.1%	1.7 ± 0.3
Rutland - RU	3.0% ± 1.6%	3% ± 0.1%	1.1 ± 0.6
Washington - WA	2.3% ± 1.0%	1% ± 0.0%	2.2 ± 0.9
Windham - WM	5.2% ± 1.0%	2% ± 0.1%	2.1 ± 0.4
Windsor - WR	2.5% ± 1.0%	2% ± 0.1%	1.1 ± 0.5

Includes all Vermont male residents age 18 to 24 years as of December 2000. Because data sets used in this analysis do not share unique person identifiers, Probabilistic Population Estimation was used to measure caseload overlap (with 95% confidence intervals). Population based on the 2000 Census.

*ANFC: Aid to Needy Families with Children

**Former Children's Services include all clients served between FY1992 and FY2000

**Participation in Reach Up (formerly ANHC*)
During FY2001 by 18-24 Year Old Females
Former Children's Services** Clients Compared to Other Residents**



Females			
	Participating in Reach Up*		Relative Risk
	% of Former Children's** MH	% of General Population	
Statewide	13.3% ± 0.9%	8% ± 0.1%	1.6 ± 0.1
<u>County</u>			
Addison - AD	9.1% ± 1.7%	5% ± 0.1%	2.0 ± 0.4
Bennington - BE	21.8% ± 3.7%	12% ± 0.3%	1.8 ± 0.3
Caledonia - CA	13.4% ± 3.7%	12% ± 0.4%	1.1 ± 0.3
Chittenden - CH	17.7% ± 3.7%	5% ± 0.1%	3.9 ± 0.8
Essex - ES	10.7% ± 3.0%	16% ± 0.5%	0.7 ± 0.2
Franklin - FR	14.7% ± 3.6%	15% ± 0.4%	1.0 ± 0.2
Grand Isle - GI	2.1% ± 2.0%	12% ± 0.4%	0.2 ± 0.2
Lamoille - LA	11.9% ± 4.3%	9% ± 0.3%	1.3 ± 0.5
Orange - OE	7.3% ± 2.3%	8% ± 0.2%	0.9 ± 0.3
Orleans - OS	11.2% ± 2.4%	12% ± 0.4%	0.9 ± 0.2
Rutland - RU	16.9% ± 3.1%	10% ± 0.3%	1.7 ± 0.3
Washington - WA	12.8% ± 3.3%	8% ± 0.2%	1.5 ± 0.4
Windham - WM	7.4% ± 2.7%	10% ± 0.3%	0.7 ± 0.3
Windsor - WR	13.9% ± 2.3%	12% ± 0.3%	1.2 ± 0.2

Includes all Vermont female residents age 18 to 24 years as of December 2000. Because data sets used in this analysis do not share unique person identifiers, Probabilistic Population Estimation was used to measure caseload overlap (with 95% confidence intervals). Population based on the 2000 Census.

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**Former Children's Services include all clients served between FY1992 and FY2000